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MEAN WELL

SWITCHING POWER SUPPLY

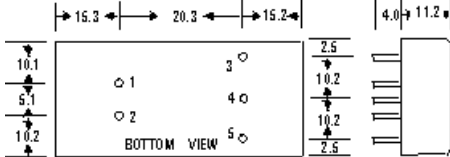
ISO-9001 CERTIFIED MANUFACTURER

SKE10B SERIES

Jameco Part Number
216952
(SKE10B-05)

- .2:1 WIDE INPUT RANGE
- .4:1 INPUT IS AVIALABLE
- .REGULATED DC OUTPUT
- .1K VDC I/P ISOLATION
- .1K-3KVDC ISOLATION (OPTIONAL)
- .LOW PROFILE / SMALL SIZE
- .EPOXY ENCAPSULATED
- .SIX-SIDED SHIELD OF METAL CASE
- .HIGH PERFORMACE / LOW COST
- .SHORT CIRCUIT PROTECTION
- .OVER CURRENT PROTECTION
- .FREE AIR CONVECTION
- .100% BURN-IN TEST
- .1 YEAR WARRANTY



MODEL	SKE10B-05	SKE10B-12	SKE10B-15	SKE10B-24												
SPECIFICATION																
DC OUTPUT VOLTAGE	5V	12V	15V	24V												
OUTPUT VOLTAGE ACCURACY	±2%															
OUTPUT RATED CURRENT	2000mA	840mA	666mA	420mA												
OUTPUT CURRENT RANGE	200-2000mA	84-840mA	66.6-666mA	42-420mA												
RIPPLE & NOISE	50mVp-p	60mVp-p	60mVp-p	80mVp-p												
LINE REGULATION	±0.3%	±0.3%	±0.3%	±0.3%												
LOAD REGULATION	±0.5%	±0.5%	±0.5%	±0.5%												
DC OUTPUT POWER	10W	10W	10W	10W												
EFFICIENCY	79%	83%	83%	84%												
SWITCHING FREQUENCY	250KHz (TYPICAL)															
INPUT VOLTAGE RANGE	18~36VDC															
INPUT CURRENT	0.53A/24VDC; 16mA @ NO LOAD (TYPICAL)															
SHORT CIRCUIT PROTECTION	CONTINOUS															
OVER CURRENT PROTECTION	160~250% AUTO RECOVERY															
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)															
ISOLATION VOLTAGE	I/P-O/P:1K VDC MIN.															
ISOLATION RESISTANCE	I/P-O/P:100M Ohms MIN. @ 500VDC															
TRANSIENT RESPONSE	<250u sec. FOR 25% LOAD STEP CHANGE															
WORKING TEMP., HUMIDITY	-15°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C															
STORAGE TEMP., HUMIDITY	-25°C~+85°C, 10%~95% RH															
DIMENSION	2"*1"*0.44"															
WEIGHT	32g															
CASE MATERIA	SIX-SIDED SHIELD OF METAL CASE															
MECHANISM AND PIN CONFIGURATION	 UNIT: mm			<table><tr><th>Pin no.</th><th>Output</th></tr><tr><td>1</td><td>+Vin</td></tr><tr><td>2</td><td>-Vin</td></tr><tr><td>3</td><td>+Vout</td></tr><tr><td>4</td><td>N.P.</td></tr><tr><td>5</td><td>-Vout</td></tr></table>	Pin no.	Output	1	+Vin	2	-Vin	3	+Vout	4	N.P.	5	-Vout
				Pin no.	Output											
				1	+Vin											
				2	-Vin											
				3	+Vout											
				4	N.P.											
5	-Vout															

NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.